



CITY OF HEREFORD

1955

Annual Report
of the
Medical Officer of
Health

CITY OF HEREFORD

HEALTH COMMITTEE

Councillor Mrs. J. AINSLIE, J.P., Mayor (Chairman).

Councillor H. C. WATKINS (Deputy Chairman).

Alderman R. C. MONKLEY.

Councillor E. W. G. BALLINGER.

Councillor S. BEAUMONT.

Councillor W. H. BLUNDSTONE.

Councillor Mrs. K. PIGOTT.

Councillor T. R. STEPHENS.

Councillor J. R. THOMPSON.

HOUSING ACTS COMMITTEE

Councilor Mrs. J. AINSLIE, J.P., Mayor.

Alderman W. PIGOTT, Chairman.

Councillor C. J. GOODING, Deputy Chairman.

Alderman T. LINDSEY PRICE.

Councillor Rev. Preb.

L. J. B. SNELL.

Councillor W. H. BLUNDSTONE.

Councillor T. R. STEPHENS.

Councillor C. FRANKLIN.

Councillor H. C. WATKINS.

T. B. FELTHAM, Town Clerk.

CITY OF HEREFORD

1955

**GENERAL PROVISION OF HEALTH SERVICE
FOR THE AREA**

<i>Name and Qualifications</i>	<i>Office held</i>	<i>Whole or Part</i>	<i>Other Public Office</i>
R. T. THOMSON, M.A., M.B., Ch.B., D.P.H.	Medical Officer of Health	Part	Assistant County Medical Officer
WM. HOGG, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.	Acting Medical Officer of Health	—	
F. G. D. CHALMERS, M.A., B.Sc., F.I.C.	City Public Analyst	Part	
J. LEACH, M.R.S.H., M.S.I.A.	Chief Sanitary Inspector	Whole	
C. E. ATTFIELD, M.S.I.A., A.R.S.H.	Additional Sanitary Inspector	Whole	
A. E. EAMES, M.R.S.H., M.S.I.A.	Additional Sanitary Inspector	Whole	To 31.3.55
J. M. SHARP, M.S.I.A.	Additional Sanitary Inspector	Whole	From 23.5.55
C. D. LOADER	Clerk	Whole	
Miss D. E. WHITEFOOT	Clerk	Whole	

*Public Health Department,
Town Hall Annexe.*

TO THE
**RIGHT WORSHIPFUL THE MAYOR, ALDERMEN
AND COUNCILLORS OF THE CITY OF HEREFORD**

Your Worship, Ladies and Gentlemen,

I have the honour to submit the Annual Report on the health of the City during the year 1955, in accordance with the Sanitary Officers (Outside London) Regulations, 1935, and Circular 17/55 of the Ministry of Health.

Vital Statistics.

The Registrar General's estimate of the mid-year population of 32,820 shows an increase of 100 on the figure for the previous year. This population was accommodated in 9,709 dwellings, the average number of persons per occupied house being 3.38. The average number of occupied dwellings per acre was 1.93.

The number of live births registered as having occurred in the City during the year was 544 ; an increase of 40 on the figure for the previous year. The corrected live birth rate for the year was 15.75 per 1,000 estimated population. The live birth rate for England and Wales for 1955 was 15.0 per 1,000 population. The ratio of male/female births was 1.125, and the illegitimate live births were 4.6% of all live births.

The number of still births registered was 15 ; the still birth rate for the year is, therefore, 26.8 per 1,000 total (live and still) births. This rate for England and Wales for the year was 23.1 per 1,000 total births. The natural increase in population, that is the excess of live births over deaths for the year, was 174.

The total number of deaths allocated to the City for the year after deducting the deaths of non-residents and adding the deaths of residents which occurred outside of the City was 370. This is a reduction of 15 upon the number in the previous year. Male deaths amounted to 195. The corrected death rate for the City for the year was 10.48 per 1,000 estimated population, the death rate for England and Wales being 11.7 per 1,000 population.

The most frequent cause of death was vascular lesions of the nervous system (heading 17), 62 deaths being attributed to this cause. In 1954, 46 deaths were included in this heading. The second most frequent cause of death was coronary disease and angina, which gave rise to 50 deaths. All forms of heart disease (headings Nos. 18, 19 and 20) caused 92 deaths, almost one quarter of the total.

Cancer of all sites caused 54 deaths, which was 14 less than in the previous year. The corrected death rate from all forms of cancer for the year was 1.53 per 1,000 estimated population. As regards deaths from acute notifiable disease, pneumonia was attributed as the cause of 26 deaths, the same figure as in the previous year, and is the only acute notifiable disease which caused death. The number of deaths due to tuberculosis (all forms) was reduced to 6. The number of accidental deaths increased to 14 against 11 in the previous year.

I am glad to report that the number of infants who died before attaining one year of age fell to 18, giving an infant mortality rate of 33 per 1,000 live births. The infant mortality rate for England and Wales for 1955 is 24.9 per 1,000 live births.

Infectious Disease.

Measles was the most prevalent acute infectious disease during 1955, there were 646 notifications received, giving a morbidity rate of 19.7 per 1,000 estimated population. As the previous year was almost free from measles an increased prevalence was expected in 1955.

Dysentery was the second most prevalent infectious disease ; 54 notifications were received all of Sonne type, the incidence rate being 1.6 per 1,000 estimated population. In the previous year only 10 notifications of dysentery were received.

After many years of complete freedom from para typhoid fever the disease reappeared at the time that I was appointed Acting Medical Officer of Health. As a result of the information already obtained, the source of infection seemed to be connected with a particular school canteen.

Specimens of faeces from all members of the staff were obtained and a positive result was obtained from one of the canteen staff who was immediately prohibited from work. Having regard to the possibility of missed cases, it was decided to examine specimens of stools from each child in attendance at the school. Where a positive result was obtained home contacts were followed up.

Altogether 22 infected persons were discovered. As a result of the action taken, the infection was controlled before it had opportunity to establish itself in the population. Only 8 cases were notified.

I must acknowledge the willing co-operation I received from all members of the school staff and school authority in this investigation and from Dr. Christie, Bacteriologist to the Hereford Public Health Laboratory, and his staff.

The incidence of scarlet fever remained almost unchanged, 19 notifications being received, compared with 18 in the previous year. There was some increase in the incidence of pneumonia, 13 notifications were received; only 8 were received in 1954. Unfortunately, this disease was responsible for 26 deaths. I am pleased to report that the incidence of acute poliomyelitis in the City was very light, only one case of non-paralytic disease occurred.

Housing.

As a result of my work in the City, I have been convinced that the provision of many more new dwellings is needed. There are still families who have not homes of their own, and too many families are obliged to occupy sub-standard accommodation. Continued house erection over a period of time, probably chiefly by the City Council, will be necessary before this need can be satisfied. Nevertheless, significant progress was made during the year, the number of occupied dwellings increased by 236.

I very much regret that my colleague, Dr. R. T. Thompson, has been obliged, through ill health, to resign his appointment as Medical Officer of Health. During his illness, I have had the honour to act in that capacity, and take this opportunity of placing on record my appreciation of the courtesy, help and support which has always been shown to me by the Mayor, Aldermen and members of the City Corporation. I must also thank all the Officers who have, at all times, most willingly assisted me in the discharge of my duties. In addition I wish to thank the City Surveyor for the assistance he has given me in the preparation of this Report. It would be a serious omission if I did not also express my thanks to all members of the staff of the Public Health Department for the willing and capable assistance they have given me.

I have the honour to remain,

Your obedient servant,

WM. HOGG, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area	...	...	...	...	...	5,031 acres
Registrar-General's Estimated Mid-year Population	...	...	...	...	...	32,820
Number of Inhabited Houses	...	...	...	...	...	9,709
Rateable Value	...	...	...	...	...	£303,835
Sum represented by a penny rate	...	...	...	...	...	£1,214 19s. 8d.

VITAL STATISTICS

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Live Births—Legitimate	275	244	51
Illegitimate	13	12	25
Live birth rate per 1,000 estimated population (crude)...			16.58
Live birth rate per 1,000 estimated population (corrected)			15.75

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Still Births—Legitimate	5	8	13
Illegitimate	2	—	2
Still birth rate per 1,000 total (live and still) births ...			26.8
Crude death rate per 1,000 estimated population...			11.27
Corrected death rate per 1,000 estimated population ...			10.48

Deaths of infants under one year of age :—

All infants per 1,000 live births	...	...	...	33.09
Legitimate infants per 1,000 legitimate live births	...	...	...	32.75
Illegitimate infants per 1,000 illegitimate live births...	...	...	...	40.00
Deaths from pregnancy, childbirth, and abortion	...	...	...	Nil

PUERPERAL MORBIDITY.—There were 2 cases of puerperal pyrexia notified.

Area comparability factor (births)	...	...	...	0.95
„ „ „ (deaths)	...	...	...	0.93

(The Chief Sanitary Inspector's Report is incorporated in Sections B, C and D).

SECTION B.

SANITARY CIRCUMSTANCES IN THE AREA

WATER SUPPLY

Considerable progress has been made with the reconstruction of the River Intake and the other new works at Broomy Hill. It had been hoped that the whole of the work would have been completed during 1955, but it now appears that it will be about the middle of 1956 before the contractors have finished their task.

At a meeting of the Roads and Waterworks Committee in November, the City Surveyor was instructed to prepare a detailed report on further extensive reorganisation at the Broomy Hill works and the provision of extended distribution mains, etc. The proposals as affecting the Broomy Hill works will result in a complete modernisation and the establishment of works capable of supplying a maximum of 5 million gallons per day, whilst the alterations and improvements in the distribution system would enable improved and additional supplies to be afforded to residential and industrial areas within the City, and enable considerably greater areas of the Rural District to be afforded supplies of water.

The matter of diesel generation has not proceeded any further although the Council have not dismissed this possibility.

The year has seen much activity on the distribution side of the undertaking particularly in respect of both Council and private housing development. A summary of the mains extensions which have been carried out is as follows :—

Whitecross Estate—8", 6", 4", 3".

Panson Estate—4", 3".

Lichfield Avenue—4".

Tupsley Estate—6", 4", 3".

Hazel Grove—3".

Bryant Estates (Moreland Avenue)—4", 3".

Hereford Developments Ltd. (Upper Ledbury Road)—3".

The above have of course involved the laying of a large number of services and a further 50 services have been carried out for private development as distinct from estate work.

Further work carried out includes the laying of pipework at the Sewage Disposal Works, the erection of pumphouse, pump and pipework at the Cattle Market for the new supply to the Attested Cattle Sheds, etc., and various amendments to the water supply at Foxley Estate. A 4" main extension has been made near "The Copelands," Holmer, to afford a further bulk supply point to Hereford Rural District Council.

The hydrant conversion scheme has resulted in 200 further ball hydrants being converted to the valve type hydrant under the arrangements with the County Council. By the end of the year there only remain some 20-30 hydrants to convert to complete the scheme.

BACTERIOLOGICAL EXAMINATIONS

CITY SUPPLY

Ninety-eight samples of the treated water were submitted for bacteriological examination.

Streptococci were absent from 10.0 ml. in all samples.

Coliform bacilli were absent from 100 ml. in all but 5 samples.

The reports on these samples are given below :—

<i>Sample No. Dated</i>	<i>Probable number of coliform bacilli, MacConkey 2 days 37°C. per 100 ml.</i>	<i>Approximate proportions of Faecal and Non-Faecal coli</i>	
		<i>Faecal coli per cent</i>	<i>Non-Faecal coli per cent</i>
5448 28th March, 1955 ...	7	0	100
5449 28th March, 1955 ...	1	0	100
5451 25th March, 1955 ...	180 +	6	94
21152 7th November, 1955...	1	0	100
23024 28th December, 1955	3	100	0

In all cases of unsatisfactory water samples, consultation with, and action by, the Waterworks Engineer resulted in the normal purity of the water being restored.

R.A.F. SUPPLY, CREDENHILL

Sixteen check samples were taken throughout the year. Streptococci were absent in all sixteen samples, but coliform bacilli were present in five samples. Subsequent samples proved satisfactory.

The result of a chemical analysis is given below :

pH value = 7.32.

CHEMICAL ANALYSIS					<i>Parts per 1,000,000</i>
Free and Saline Ammonia	...	...	...	...	0.008
Albuminoid Ammonia	...	...	...	...	0.072
Chlorine in Chlorides	...	...	...	...	11.0
Nitrogen in Nitrates and Nitrites	...	...	...	...	0.52
Oxygen absorbed from permanganate at 80°F. in					
4 hours	...	...	...	...	1.688
Total Solids dried at 100°C.	...	...	...	...	40
Nitrite	...	...	...	...	Absent
Free Chlorine	...	...	...	...	Absent
Appearance	...	...	...	Bright, few small particles	

The above results show that this water is chemically of good quality, and suitable for use as a public supply.

(Signed) BOSTOCK HILL AND RIGBY,
Public Analysts.

All premises in the City, with the exception of 7 houses supplied from wells, receive the supply direct from the Corporation water mains.

PUBLIC BATHS

The water in the swimming pool is filtered and chlorinated. As a routine, samples of the water are sent for bacteriological examination monthly. Streptococci were absent in all the samples, but coliform bacilli were present in one sample. Contact was made with the Baths Superintendent and subsequent samples proved satisfactory.

SEWERAGE AND SEWAGE DISPOSAL

New sewerage activities have been undertaken on Council housing estates and there have been no unusual activities in connection with the maintenance of the sewerage system.

The anticipated start on the Northern Area Sewer has not yet been made but sufficient progress in the preparation of the details has materialised and a start will be made early in 1956.

There have been no major developments at the Sewage Disposal Works.

CLOSET ACCOMMODATION

Particulars of types and usage of Sanitary Conveniences at dwellings and other premises :—

Number of dwellings using pail closets	...	...	44
Number of other premises using pail closets	...		8
Number of dwellings with one W.C. to two houses			138
Number of dwellings with one W.C. to three or more houses	...	...	63

The premises using the conservancy system are not served by the City sewerage system.

All other premises in the City are provided with water closets and in the case of dwellings have separate use of a convenience.

In the main the houses having common conveniences are old properties and may be subject to action under the Housing Acts.

There are no waste water closets in the City.

PUBLIC CLEANSING AND SALVAGE

There is nothing of particular significance to report in connection with either the collection or disposal of refuse except to say that the recovery of salvageable materials has continued with financial benefit to the Council. The stability of the market for the disposal of waste paper has been maintained throughout the twelve months.

There has been some uncertainty in connection with the production of concentrated pig food and the demand has varied throughout the year. On a number of occasions it has been necessary to advertise the product, but such measures have only met with a very limited success.

SANITARY INSPECTION OF THE AREA

The number and nature of inspections made during the year :—

Nuisances (including inspections of drainage, sewers, sanitary conveniences and dustbins) ...	893
National Assistance Act	14
Housing, General	367
Caravans and Camping Grounds	101
Infectious Disease and Food Poisoning	678
Factories Act	375
Outworkers	16
Food Premises	646
Unsound Food	242
Ice-cream Premises	93
Milk and Dairies Regulations	147
Milk (Special Designations) Regulations	136
Milk Sampling for Biological Examination	17
Food and Drugs Act (Sampling)	239
Food Vehicles	21
Cinemas and Licensed Premises	66
Slaughterhouse	603
Offensive Trades	7
Public Conveniences	82
Verminous Premises	9
Smoke Observations and Inspections	36
Stables and Piggeries	5
Shops Act	35
Water Supply and Sampling	176
Pest Control	58
Merchandise Marks Act	80
Rag Flock and Other Filling Materials Act	6
Explosives Act	48
Pet Animals Act	5
Heating Appliances (Fireguards) Act	7
Knackers Yards	9
Slaughter of Animals Act	14
Public Health (Meat) Regulations, 1924	6
Miscellaneous	227
	5,464

NUISANCES AND DEFECTS FOUND

Particulars of nuisances and other contraventions found during the year for which the requisite Statutory and informal notices were served :—

HEREFORD CORPORATION ACT, 1936					
Choked Drains	...	...	...	...	36
PUBLIC HEALTH ACT, 1936					
Public Sewers Stopped Up	...	...	...	...	17
Drainage Defects	...	...	...	...	32
Defects to Sanitary Conveniences	...	...	...	...	35
Other Nuisances	...	...	...	...	7
Lack of proper Dustbins	...	...	...	...	31
Housing Defects	...	...	...	...	87
Excessive Emission of Black Smoke or Grit	...	...	...	...	2
FOOD AND DRUGS ACT, 1938					
Contravention of Sec. 13 and Byelaws	...	...	...	...	163
Ice Cream (Heat Treatment etc.) Regulations	...	...	...	...	1
1947	...	...	...	...	—
Public Health Meat Regulations, 1924	...	...	...	...	—
MILK AND DAIRIES REGULATIONS, 1949					
Contraventions of Regulations	...	...	...	...	2
FACTORIES ACT, 1937					
Contraventions of Part 1	...	...	...	...	70
SHOPS ACT, 1950					
Contraventions of Sec. 38	...	...	...	...	15
Failing to exhibit proper notices or to comply with closing hours	..	...	...	...	2
MERCHANDISE MARKS ACT					
Failing to indicate imported meat with place of origin	...	...	...	...	3
BYELAWS FOR PREVENTION OF DISCHARGE OF FAT INTO SEWERS					
Installation of suitable grease trap	...	...	...	...	1

PUBLIC CONVENIENCES

An internal reconstruction of the Males' Conveniences, Maylord Street, to provide two additional W.Cs., a coin-operated ablution unit, and to increase ventilation has been put in hand.

FACTORIES ACT

1.—INSPECTORS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

<i>Premises</i> (1)	<i>Number on Register</i> (2)	<i>Number of</i>		
		<i>Inspections</i> (3)	<i>Written Notices</i> (4)	<i>Occupiers Prosecuted</i> (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	45	19	3	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	249	265	64	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	12	3	3	—
Total ...	306	287	70	—

2.—DEFECTS FOUND.

Particulars (1)	Found (2)	Remedied to (3)	Number of Defects		Prosecu- tions (6)
			Referred		
			H.M. Inspector (4)	by H.M. Inspector (5)	
Want of Cleanliness (S.1) ...	—	—	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable Temperature (S.3) ...	—	—	—	—	—
Inadequate Ventilation (S.4)	—	1	—	—	—
Ineffective Drainage of Floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7)					
Insufficient ...	3	5	—	1	—
Unsuitable or Defective	67	67	—	15	—
Not Separate for Sexes	—	1	—	—	—
Other Offences ...	—	6	—	—	—
Total ...	70	80	—	16	—

3.—OUTWORKS PREMISES.

Number of Premises ...	...	13
Number of Visits ...	...	16
Number of Notices ...	...	Nil

SHOPS ACT

SANITARY PROVISIONS

DEFECTS AND NUISANCES				<i>Found</i>	<i>Remedied</i>
Insufficient Ventilation	...	...		1	1
Unreasonably low temperature	...			2	2
Defective sanitary conveniences	...			11	9
Insufficient lighting	...	...	...	1	1
Lack of washing facilities	...	...		1	1
Insufficient sanitary conveniences	...			—	—
Lack of facilities for taking meals on premises				1	1
				—	—
Total	...			17	15
				—	—

OTHER PROVISIONS

Five notices were served requiring the provision of the necessary forms and notices required by the Shops Act, 1950.

In all 35 inspections were made.

OFFENSIVE TRADES

Number recorded in the City—						
Fellmongers	...	...	...	...	...	2
Gut Scrapers	...	...	...	...	...	1
Rag and Bone Dealers	...	...	...	...	...	1
Number of Inspections	...	...	...	...	...	7
Nuisances found	...	...	...	...	...	—
Nuisances abated	...	...	...	...	...	—

THE RAG FLOCK AND OTHER FILLING MATERIALS ACT

There are no premises in the City either registered or licensed for the manufacture, use or storage of such materials within the terms of the Act.

CAMPING GROUNDS

CARAVAN SITES

Caravan sites and camping grounds are governed by the Public Health Act, 1936, by the Hereford Corporation Act, 1936, by the Town Planning Act, 1947 and by Byelaws made under the two former Acts.

The Public Health Act and Byelaws control the sanitary provisions, water supply and infectious diseases. The Hereford Corporation Act and Byelaws define camping grounds and give power to license such sites within prescribed areas in the City, and to apply conditions of licence where granted. The Town Planning Act deals with the siting of caravans and general amenities.

During the year one camping ground to accommodate 100 caravans and one to accommodate 12 caravans were licensed. The Conditions of Licence were complied with in both cases.

In addition to the Camping Grounds 25 Caravans are sited in different parts of the City.

Number of visits and inspections ...	...	...	101
Contraventions of Byelaws ...	...	...	—

PREVENTION OF DAMAGE BY PESTS ACT, 1949

RODENT CONTROL

RECORD OF THE DEPARTMENT'S ACTIVITIES DURING THE YEAR

	Type of Property				(5) Agri- cultural
	Non- Agricultural				
	(1) <i>Local Authority</i>	(2) <i>Dwelling Houses</i>	(3) <i>All other (including Business Premises</i>	(4) <i>Total of cols (1) (2) & (3)</i>	
(1) Number of Properties in Local Authority's Dist.	91	9847	1585	11,523	44
(2) Number of properties inspected as a result of:-					
(a) Notification ...	7	165	28	200	4
(b) Survey under the Act	8	13	137	158	2
(c) Otherwise (e.g., when visited primarily for some other purpose)	—	1	2	3	—
(3) Total inspections carried out — including re- inspections ...	41	179	498	718	12
(4) Number of properties inspected (in Sect. (2)) which were found to be infested by :—					
(a) Rats { Major ...	—	—	—	—	—
{ Minor ...	13	113	164	290	6
(b) Mice { Major ...	—	—	—	—	—
{ Minor ...	1	37	21	59	1
(5) Number of infested prop- erties (in Sect. (4)) treated by the Local Authority ...	14	150	165	329	6
(6) Total treatments carried out — including re- treatments ...	34	150	496	680	6

From the above table it will be seen that 1.52% of all dwellings and 10.41% of all business and industrial premises in the City were treated for infestations of rats or mice. Of agricultural properties (including piggeries) 13.64% were found to be infested.

It will be noted also that there were no major rat or mice infestations.

In addition to the above work the City sewers were treated once during the year. Recordings of sewer treatments show that the infestations are very small.

PESTS CONTROL

In addition to the service for rats and mice destruction the Department operates a service for the control of insect pests. Advice is given on methods to eradicate most known insects found in and about dwellings and other premises. Where requested, destruction of such pests is undertaken by the Health Department at agreed charges.

SECTION C

HOUSING

In 1955, 201 dwellings were completed by the local authority, including 71 for sale. In addition 4 flats were converted at Redhill Hostel and 60 houses were completed by private enterprise, including 12 dwellings for the Hereford Society for Aiding the Industrious.

UNFIT DWELLINGS

Number of Demolition Orders made	...	...	5
Number of Closing Orders made	...	...	—
Number licensed for temporary occupation	...	...	23
Number of dwellings rendered fit for habitation	...	...	47

CLEARANCE AREAS

No action has been taken under Section 25, Housing Act, 1936, during the year.

420 families were rehoused by the Housing Manager during the year.

SECTION D INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY

Number of Dairy Farms in the City	...	...	10
Number of Milk Distributors	...	...	50
(a) Resident in the City	...	...	33
(b) Non-Resident in the City	...	...	17

SPECIAL DESIGNATIONS

Number of Retailers of Tuberculin Tested Milk	23
Number of Retailers of "Channel Islands" Milk	5
Number of Pasteurising Plants operating in the City	3
Number of Retailers of Pasteurised Milk	24
Number of Retailers of T.T. (Pasteurised) Milk	15
Number of Retailers of Sterilised Milk	1

PARTICULARS OF DESIGNATED MILK SAMPLING AND TESTING DURING THE YEAR

<i>Class of Milk</i>	<i>No. of Samples Tested</i>	<i>Appropriate Tests</i>	<i>No. of Samples</i>	
			<i>Passed</i>	<i>Failed</i>
Pasteurised	68	Phosphatase	68	—
		Methylene Blue	64	4
Tuberculin Tested (Pasteurised)	6	Phosphatase	6	—
		Methylene Blue	6	—
Tuberculin Tested	19	Methylene Blue	14	5

The tests on the 4 Pasteurised Milk samples which failed the Methylene Blue test were invalid owing to the high atmospheric shade temperature.

All cases of failure to pass the Phosphatase or Methylene Blue tests are reported to the Area Milk Officer of the Ministry of Food in accordance with a statutory requirement.

BIOLOGICAL EXAMINATION OF MILK

Seventeen samples were submitted to the Public Health Laboratory, Worcester, for biological tests for the presence of Tubercle Bacilli. All of the samples were reported negative to such infection.

ICE CREAM

SUPERVISION AND CONTROL OF THE MANUFACTURE AND SALE
OF ICE CREAM

HEREFORD CORPORATION ACT, 1936

Number of persons and premises registered for
the manufacture of ice-cream 9

Number of persons and premises registered for
the sale of ice-cream 99

Eighty-six persons registered for the sale of ice-cream obtained their supplies from 7 manufacturers outside the City, thus only thirteen vendors sold ice-cream manufactured locally.

ANALYSIS OF RESULTS OF SAMPLES TAKEN DURING 1955

BACTERIOLOGICAL ANALYSIS

31 samples were submitted for bacteriological examination at the Public Health Laboratory at the County Hospital. These were subjected to the methylene Blue Reduction Test and graded accordingly.

Samples placed in Grades 1 and 2 are deemed satisfactory, those in Grades 3 and 4 unsatisfactory.

TABLE A

RESULTS OF ALL SAMPLES TAKEN IN THE CITY

<i>Type of Mix</i>	<i>Provisional Grade</i>				<i>Total</i>
	1	2	3	4	
Heat Treated ...	23(88.462%)	3(11.538%)	—	—	26
Cold ...	3 (60%)	2 (40%)	—	—	5
Total ...	26(83.871%)	5(16.129%)	—	—	31
	31 (100%)				

TABLE B

ANALYSIS OF RESULTS OF SAMPLES OF ICE CREAM MANUFACTURED
WITHIN THE CITY

<i>Type of Mix</i>	<i>Provisional Grade</i>				<i>Total</i>
	1	2	3	4	
Heat Treated ...	8 (80%)	2 (20%)	—	—	10
Cold	3 (60%)	2 (40%)	—	—	5
Total ...	11(73.333%)	4(26.667%)	—	—	15
	15 (100%)				

TABLE C

ANALYSIS OF RESULTS OF SAMPLES OF ICE CREAM RETAILED IN BUT
MANUFACTURED OUTSIDE THE CITY

<i>Type of Mix</i>	<i>Provisional Grade</i>				<i>Total</i>
	1	2	3	4	
Heat Treated ...	15(93.75%)	1 (6.25%)	—	—	16
Cold	—	—	—	—	—
Total ...	15(93.75%)	1 (6.25%)	—	—	16
	16 (100%)				

TABLE D

COMPARATIVE RESULTS OF ALL SATISFACTORY SAMPLES FOR THE LAST
THREE YEARS

<i>Year</i>	<i>All Samples</i>	<i>Local Manufacturers</i>	<i>External Manufacturers</i>
1953	90%	89%	91%
1954	94.83%	95.83%	94.1%
1955	100%	100%	100%

From the tables it will be noted that no samples were placed in Grades 3 or 4. This is an indication that the good bacteriological standard of these products is being maintained.

HYGIENE IN RESTAURANTS, HOTEL KITCHENS AND LICENSED PREMISES

During the year 826 inspections of food premises were made and 163 notices drawing attention to contraventions of Section 13 of the Food and Drugs Act, 1938, were issued.

Licensed premises were included in these inspections.

Propaganda for maintaining good hygiene in Food Premises was continued by general advice to managers and personnel from Sanitary Inspectors and by having sets of four small posters depicting good sanitation exhibited on the premises. Talks and lectures on "Clean Food" were given to two branches of women's organisations.

MEAT AND OTHER FOODS

Number of butchers' shops in the City	...	39
Number of Preserved Food preparing premises registered under Private Act		35
Number of fish-fryers' premises in the City	...	13

There are no private slaughterhouses in the City. The Public Abattoir is now used jointly by the Fatstock Marketing Corporation and the local butchers. The provisions of the Slaughter of Animals Acts, 1933-54, are strictly enforced.

FOOD TRANSPORT

The transport of food is controlled by the City Bye-laws and the Public Health (Meat) Regulations, 1924. Constant supervision of vehicles was maintained.

INSPECTION OF MEAT AND OTHER FOODS

The following table sets out the number of carcasses inspected, together with particulars of carcasses and parts thereof condemned for Tuberculosis and other conditions at the City Abattoir, Stonebow Road.

	<i>Beeves</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number killed	4,037	790	15,540	10,477
Number Inspected	4,038	790	15,557	10,478
<i>All Diseases except Tuberculosis—</i>				
Whole Carcasses condemned ...	8	13	32	12
Carcasses of which some part or organ was condemned ...	1,739	4	883	623
Percentage of the number inspected affected with disease other than Tuber- culosis	43.26	2.15	5.88	6.00
<i>Tuberculosis only—</i>				
Whole carcasses condemned ...	2	—	—	4
Carcasses of which some part or organ was condemned ...	44	2	2	228
Percentage of the number in- spected affected with Tuber- culosis	1.14	.25	.01	2.21

The total number of carcasses examined during the year was 30,863. This is a decrease of 5,822 on the 1954 figure.

EMERGENCY SLAUGHTER OF ANIMALS

Included in the above numbers of animals inspected are those of animals sent in for emergency slaughter :—

<i>Beeves</i>	<i>Calves</i>	<i>Sheep</i>	<i>Pigs</i>	<i>Total</i>
24	16	107	70	217

Comparative figures of animals from this source examined in 1954 show a decrease of 1,415.

WEIGHT OF DISEASED AND UNSOUND MEAT AND OFFAL CON- DEMNED :

			<i>Tons</i>	<i>cwts.</i>	<i>Qrs.</i>	<i>lbs.</i>
Home-killed—Meat	...	...	5	3	2	18
Offal	...	...	9	—	—	4 $\frac{1}{4}$
Imported Meat	...	...	0	0	0	0
			—	—	—	—
	Total	...	14	3	2	22 $\frac{1}{4}$
			—	—	—	—

The whole of this meat was either destroyed at the refuse destructor or processed for animal feeding stuffs.

TUBERCULOSIS ORDER, 1938

No animals were notified under this order during the year.

NOTIFICATION OF TUBERCULOSIS IN CALVES

No calves slaughtered at the City Abattoir were found to be affected with Tuberculosis.

CYSTICERCUS BOVIS

Routine examination of all beeves was carried out and in 43 cases cysts were found. All affected carcasses and offal were sent for refrigeration at a temperature below 20°F. for 21 days in accordance with Ministry of Food Memo. 3/Meat.

OTHER FOODS INSPECTED AND SURRENDERED

	<i>Tons cwt. qrs. lbs.</i>					<i>Tons cwt. qrs. lbs.</i>			
Canned Meat ...	2	1	1	1 $\frac{3}{4}$	Fish Cakes ...	...	...	1	1 $\frac{3}{4}$
Canned Fish ...	...	...	1	21	Cheese ...	...	1	3	17 $\frac{1}{2}$
Canned Milk ...	...	1	3	18 $\frac{1}{4}$	Baby Food ...	...	...	...	2 $\frac{1}{4}$
Canned Fruit ...	...	19	3	3 $\frac{1}{4}$	Sugar Confectionery	...	...	...	27
Emulsifying Stabiliz- ing Agent ...	...	...	2	16	Flour Confectionery	...	1	1	21
Canned Vegetables...	...	...	5	16 $\frac{1}{4}$	Pickles and Sauces ...	...	...	...	9 $\frac{1}{4}$
Canned Soup ...	...	...	...	16 $\frac{1}{4}$	Fruit Pulp ...	...	...	3	1 $\frac{1}{2}$
Dehydrated Carrots	...	...	...	8 $\frac{1}{2}$	Fruit ...	...	...	2	14
Jam and Syrup ...	...	...	1	3 $\frac{1}{2}$	Dried Fruit ...	...	...	1	2
Vegetables ...	...	1	2	14	Cereals ...	...	...	...	25
Milk Powder ...	...	...	2	4	Bacon ...	...	...	2	3 $\frac{1}{4}$
Meat Products ...	...	...	4	19 $\frac{1}{4}$	Poultry ...	...	...	3	17 $\frac{1}{2}$
Wet Fish ...	...	1	2	14	Liquid Egg ...	...	...	3	0 4
Fish Roes ...	...	...	1	12					
Cured Fish ...	...	...	1	14					
Shell Fish ...	...	...	1	25					
					Total ...	4	2	1	17

ANALYSIS OF CAUSES OF CONDEMNATION OF CARCASSES

	<i>Beeves</i>	<i>Calves</i>	<i>Sheep</i>	<i>Pigs</i>	<i>Total</i>
Anaemia	—	—	2	1	3
Arthritis (Acute Septic)	1	—	2	—	3
Erysipelas (Acute)	—	—	—	1	1
Fever	—	—	1	1	2
Gangrene	—	3	2	2	7
Immaturity	—	4	—	—	4
Jaundice	—	1	3	—	4
Johnes with Emaciation	1	—	—	—	1
Leukaemia... ..	—	—	1	1	2
Mastitis (Acute Septic)	1	—	1	—	2
Metritis (Acute Septic)	1	—	1	—	2
Moribund	—	1	6	—	7
Multiple Injuries	2	—	—	—	2
Oedema (Generalized)	—	2	4	2	8
Oedema with Emaciation	1	—	1	—	2
Peritonitis (Acute Septic)	—	1	2	3	6
Pleurisy (Acute Septic)	—	—	2	—	2
Pneumonia (Acute Septic)	1	—	1	—	2
Septicaemia or Toxaemia	—	1	1	—	2
Tuberculosis (General)	2	—	—	4	6
Tumours (Multiple)	—	—	2	1	3
	10	13	32	16	71

RECORD OF INSPECTIONS

Meat Inspections at Abattoir	603
Inspections of other Food	242
Inspections of Food Preparation Premises, etc., including Bakehouses	646
Inspections of Dairies and Cowsheds	147

REGISTRATION OF WHOLESALE DEALERS IN MARGARINE

No. in the register 10

FOOD AND DRUGS ACT, 1955

SAMPLING OFFICER'S REPORT, 1954

The following table shows the number and nature of the articles submitted to the Public Analyst during the year, and the results of the analysis :—

<i>Article</i>	<i>No. Submitted</i>		<i>No. Genuine</i>		<i>No. Unsatisfactory</i>	
	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>
Milk	22	—	22	—	—	—
Orange Drinks	1	1	1	1	—	—
Lard	6	—	6	—	—	—
Hot Milk	4	—	2	—	2	—
Minced Turkey	—	1	—	1	—	—
Chicken Paste	—	1	—	1	—	—
Fish Paste	—	2	—	2	—	—
Ice-cream	4	—	4	—	—	—
Cream	—	3	—	3	—	—
Milk Loaf	—	3	—	3	—	—
Beef Sausage	3	—	3	—	—	—
Pork and Beef Sausage	1	—	1	—	—	—
Pork Sausage	1	—	—	—	1	—
Farm Butter	7	—	7	—	—	—
Patent Medicines	—	8	—	7	—	1
Brandy Snaps	—	1	—	1	—	—
Drinking Chocolate	—	3	—	3	—	—
Soup	—	7	—	6	—	1
Baby Foods	—	7	—	6	—	1
Rose Hip Syrup	—	1	—	1	—	—
	49	38	46	35	3	3
	87		81		6	

NOTES ON THE UNSATISFACTORY SAMPLES

<i>No. of Sample</i>	<i>Article</i>	<i>Analyst's Report</i>	<i>Action taken</i>
14	Hot Milk	Contained 5% of Added Water	Warning to Vendor
15	Hot Milk	Contained 8.8% of Added Water	Warning to Vendor
37	Pork Sausage	Deficient of 30% Meat	Vendor summoned and fined £2
54	Antikamnia Tablets	Unsatisfactory Label	Warning to Manufacturer
75	Cream of Chicken Soup	Deficient of 50% Fat	Formal Sample No. 7/67
82	Baby Food	Deficient of 36.6% Iron	Formal Sample No. 8/56

SECTION E.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

PATHOLOGICAL EXAMINATIONS

	<i>Positive</i>	<i>Negative</i>	<i>Total</i>
Ear, Nose and Throat Swabs :			
Diphtheria Bacilli (K.L.B.)	—	18	18
Haemolytic Streptococci...	17	2	19
Staphylococcus Aureus ...	—	—	—
Vincent's Angina ...	—	17	17
Staph. Pyogenes ...	2	—	2
Sputum :			
Tubercle Bacilli ...	7	4	11
Pleural Fluid :			
Tubercle Bacilli ...	2	—	2
Faeces :			
For Occult Blood ...	—	—	—
For Dysentery Organisms and Diarrhoea ...	102	220	322
For Food Poisoning Organ- isms ...	7	—	7
For Salmonella Paratyphi B ...	77	304	381

DISINFECTION

The following are particulars of disinfection of rooms and bedding after infectious or other diseases :—

	<i>Rooms</i>	<i>Bedding</i>
Scarlet Fever ...	7	8
Tuberculosis ...	8	1
Paratyphoid Fever ...	—	4
Cancer ...	1	2
Miscellaneous ...	6	7
	—	—
	22	22
	—	—

Library books have been disinfected and returned for circulation.

Several lots of bedding have been destroyed on requests from the owners. When necessary, disinfectant was supplied.

The following table shows the incidence of infectious disease in the six wards of the City.

		<i>Bartonsham</i>	<i>Central</i>	<i>Holmer</i>	<i>St. Martin's</i>	<i>St. Nicholas</i>	<i>Tupsley</i>
Dysentery	...	1	6	4	1	—	42
Scarlet Fever	...	2	3	2	9	1	2
Pneumonia...	...	2	4	—	1	1	5
Paratyphoid Fever		—	—	8	—	—	—
Erysipelas ...	...	1	—	—	2	—	1
Puerperal Pyrexia...		1	—	—	1	—	—
Whooping Cough	...	2	1	4	2	1	—
Poliomyelitis (Non- Paralytic)	...	—	—	1	—	—	—
Food Poisoning	...	—	—	—	—	—	2
Measles		175	44	83	205	73	66

HEREFORD CITY, 1955

CONFIRMED CASES OF ACUTE INFECTIOUS DISEASE ACCORDING TO QUARTER

<i>Disease</i>	<i>1st quarter</i>	<i>2nd quarter</i>	<i>3rd quarter</i>	<i>4th quarter</i>	<i>Year</i>
Scarlet Fever ...	6	4	4	5	19
Paratyphoid Fever ...	1	2	5	—	8
Measles	2	71	369	204	646
Whooping Cough ...	—	—	3	7	10
Pneumonia	5	5	2	1	13
Erysipelas	4	—	—	—	4
Dysentery	3	29	2	20	54
Polio-myelitis ...	—	—	1	—	1
Puerperal Pyrexia ...	1	—	—	1	2
All Diseases ...	22	111	386	238	757

TUBERCULOSIS

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations, 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

TUBERCULOSIS.
NEW CASES AND MORTALITY DURING 1955

Age Period	New				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	—	—	—	—	—	—	—	—
1—5 years ...	1	—	—	—	—	—	—	—
5—15 years ...	—	2	1	1	—	—	—	—
15—25 years ...	2	3	—	—	—	—	—	—
25—35 years ...	2	2	1	2	—	—	—	—
35—45 years ...	—	2	—	—	2	—	—	—
45—55 years ...	3	1	—	—	1	—	—	—
55—65 years ...	3	—	—	—	1	—	—	—
65 and upwards	—	—	—	—	1	—	—	1
Age unknown ...	—	—	—	—	—	—	—	—
Totals ...	11	10	2	3	5	—	—	1

PREVENTION OF BLINDNESS

No action has been taken under Section 176 of the Public Health Act, 1936.

OPHTHALMIA NEONATORUM

<i>Cases</i>			<i>Vision Unimpaired</i>	<i>Vision Impaired</i>	<i>Total Blindness</i>	<i>Deaths</i>
<i>Notified</i>	<i>Treated</i>					
	<i>At Home</i>	<i>In Hospital</i>				
—	—	—	—	—	—	—

SECTION F

NATIONAL ASSISTANCE ACT, 1948

Section 47

Three cases, one woman and two men, were brought to notice during the year. The woman, aged approximately 50 years, was removed voluntarily to The Priory, Leominster. Of the men, both over 70 years of age, one died before hospital accommodation could be arranged and the other went to live with a married daughter in the City.

NOTIFIABLE DISEASE (OTHER THAN TUBERCULOSIS) DURING 1955

Age	Scarlet Fever		Paratyphoid Fever		Puer- peral Pyrexia	Measles		Whooping Cough		Pneumonia		Erysipelas		Dysentery		Food Poisoning		Polio- myelitis (non- Paralytic)	
	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0-1 years ...	—	—	—	—	—	8	11	—	—	—	—	—	—	2	—	—	—	—	—
1-2 „ ...	—	—	1	—	—	69	60	—	4	—	1	—	—	9	6	—	—	—	—
3-4 „ ...	4	2	1	—	—	80	77	1	1	1	—	—	—	11	5	—	—	—	—
5-9 „ ...	4	6	3	2	—	159	158	1	3	—	—	—	—	6	2	—	—	—	—
10-14 „ ...	—	2	—	—	—	3	1	—	—	—	—	—	—	—	—	—	—	1	—
15-24 „ ...	—	1	—	—	—	—	2	—	—	1	—	—	—	1	3	—	—	—	—
25 and over ...	—	—	—	1	2	4	—	—	—	4	6	1	3	4	5	1	1	—	—
Age unknown...	—	—	—	—	—	7	7	—	—	—	—	—	—	—	—	—	—	—	—
Total ...	8	11	5	3	2	330	316	2	8	6	7	1	3	33	21	1	1	1	—

CITY OF HEREFORD.

AGES IN YEARS.

DEATHS FROM ALL CAUSES, 1955

CAUSE OF DEATH	0	1	2	3	4	5	10	15	20	25	35	45	55	65	75	85	TOTALS		
	to 1	to 2	to 3	to 4	to 5	to 10	to 15	to 20	to 25	to 35	to 45	to 55	to 65	to 75	to 85	and up	M.	F.	T'l
1. Respiratory Tuberculosis ...	—	—	—	—	—	—	—	—	—	—	2	1	1	1	—	—	5	—	5
2. Other forms of Tuberculosis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	1
3. Syphilitic Disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Whooping Cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Meningococcal Infections ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Acute Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Measles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Other infective and parasitic disease ...	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	2	—	2
10. Malignant Neoplasm of Stomach ...	—	—	—	—	—	—	—	—	—	—	—	—	4	4	2	—	7	3	10
11. " " Lung, Bronchus	—	—	—	—	—	—	—	—	—	—	—	2	3	2	—	1	6	2	8
12. " " Breast	—	—	—	—	—	—	—	—	—	—	—	2	—	1	2	—	—	5	5
13. " " Uterus	—	—	—	—	—	—	—	—	—	1	1	3	2	2	—	—	—	4	4
14. Other Malignant and Lymphatic Neoplasm	—	—	—	—	—	—	1	—	—	—	2	—	4	9	—	—	16	11	27
15. Leukaemia, aleukaemia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	1	4
16. Diabetes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	1	2	3
17. Vascular lesions of nervous system	—	—	—	—	—	—	—	—	—	—	—	5	11	13	25	8	28	34	62
18. Coronary disease, angina ...	—	—	—	—	—	—	—	—	—	—	—	2	15	12	19	2	34	16	50
19. Hypertension with heart disease ...	—	—	—	—	—	—	—	—	—	—	—	—	1	6	1	1	3	6	9
20. Other heart disease ...	—	—	—	—	—	—	—	—	—	—	—	1	1	5	16	10	11	22	33
21. Other circulatory disease ...	1	—	—	—	—	—	—	—	—	—	—	1	3	3	8	4	9	11	20
22. Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	1
23. Pneumonia ...	1	1	—	—	—	—	—	—	—	—	—	1	7	3	10	3	15	11	26
24. Bronchitis ...	—	—	—	—	—	—	—	—	—	—	—	—	3	6	6	1	9	7	16
25. Other disease of respiratory system	—	—	—	—	—	—	—	—	—	—	—	1	2	—	1	—	3	1	4
26. Ulcer of stomach and duodenum ...	—	—	—	—	—	—	—	—	—	—	1	—	2	2	1	—	5	1	6
27. Gastritis, enteritis and Diarrhoea ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	—	1
28. Nephritis and Nephrosis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	2	2	4
29. Hyperplasia of Prostate ...	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	3	0	3
30. Pregnancy, Childbirth, Abortion ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31. Congenital Malformation ...	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6
32. Other defined and ill-defined diseases	9	—	—	—	—	—	—	—	—	—	1	2	11	5	13	5	20	26	46
33. Motor vehicle accidents ...	—	—	—	—	—	—	—	—	2	—	—	1	—	—	—	—	1	2	3
34. All other accidents ...	—	—	—	—	—	—	—	1	—	—	—	—	1	1	3	1	4	3	7
35. Suicide ...	—	—	—	—	—	—	—	—	—	1	—	1	1	1	—	—	2	2	4
36. Homicide and operations of war ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	18	1	—	—	—	—	1	1	2	3	7	25	72	84	119	37	195	175	370

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

CAUSE OF DEATH	AGE IN DAYS										AGE IN MONTHS											M.	F.	T ¹
	0—	1—	2—	3—	4—	5—	6—	7—	14—	21—	1—	2—	3—	4—	5—	6—	7—	8—	9—	10—	11—			
Prematurity	5	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	5	6
Congenital Malformation ...	1	1	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	4	—	4
Rickets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Heart Disease ...	1	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	2	3
Bronchitis and Broncho Pneumonia	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Marasmus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	2	—	2
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebral birth trauma ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Atelectasis	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Total ...	8	3	—	—	2	—	—	—	—	1	1	1	—	—	1	—	—	—	1	—	—	11	7	18

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